

LISTING OF CLAIMS

1. (Previously presented) A process for the production of high-octane gasoline from a hydrocarbon feed stream with C₄+ hydrocarbons cuts comprising contacting the feed under isomerisation conditions with a catalyst composition consisting of mixed aluminium and zirconium oxides modified with tungsten oxyanion and hydrogenation/dehydrogenation component of a Group VIII metal.

2. (Original) A process according to claim 1, wherein the hydrocarbon feed contains at least 20 wt % of C₇+ hydrocarbons.

3. (Previously presented) A process according to claim 1, wherein the isomerisation conditions comprise presence of hydrogen with a hydrogen to hydrocarbon molar ratio between 0.1 to 5, a temperature range from 150 °C to 300 °C, a total pressure of between 1 and 40 bar and a liquid space velocity LHSV of between 0.1 to 30 h⁻¹.

4. (Previously presented) A process according to claim 1, wherein the catalyst composition in its dry form comprises 10-50 wt % of tungsten oxide, 10-40 % of aluminium oxide and a remainder of zirconia and Group VIII metal.

5. (Previously presented) A process according to claim 1, wherein the Group VIII metal is platinum and/or palladium in an amount of between 0.01 wt % to 5 wt %.